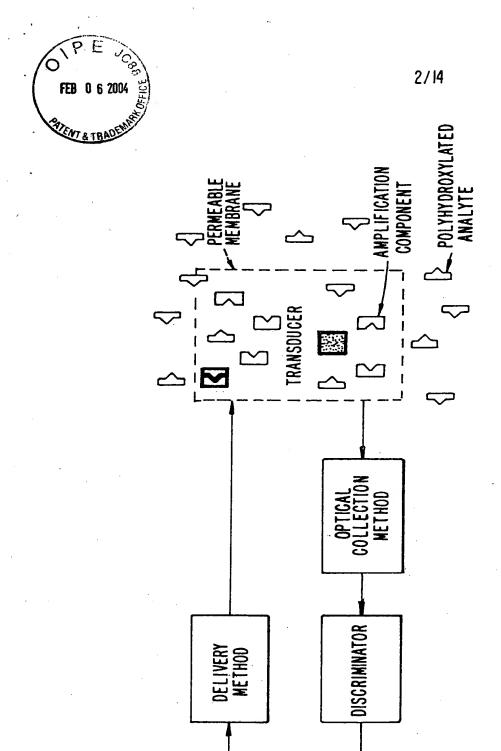


F/G. /.



OP TICAL SOURCE **DETECTOR**

F/G. 2.



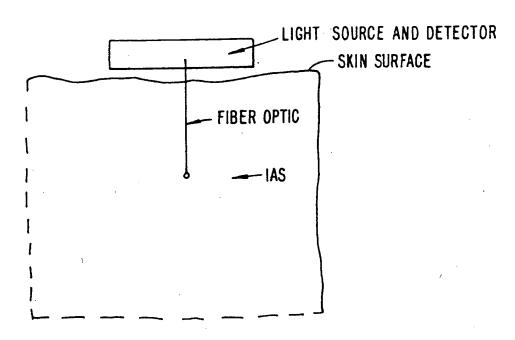


FIG. 3.

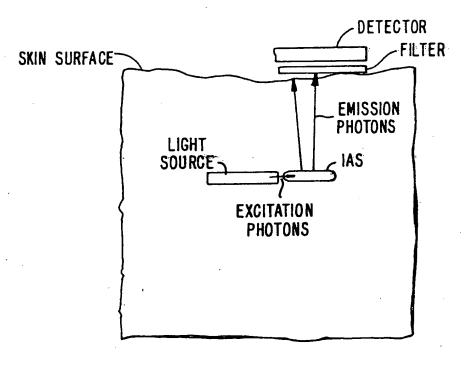
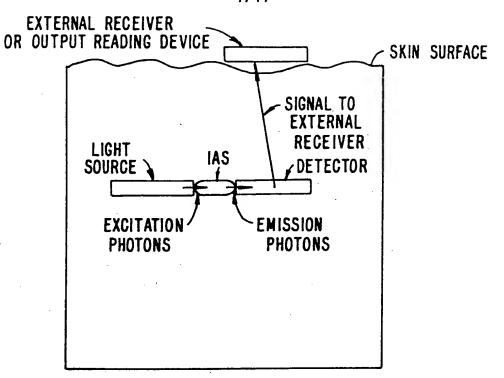


FIG. 4.





F/G. 5.

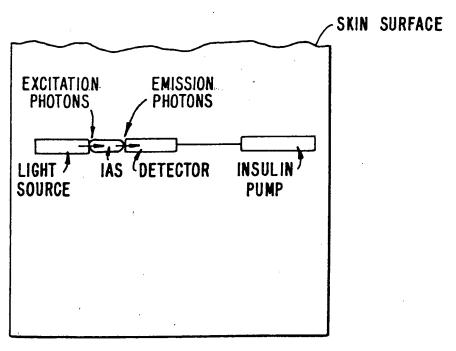


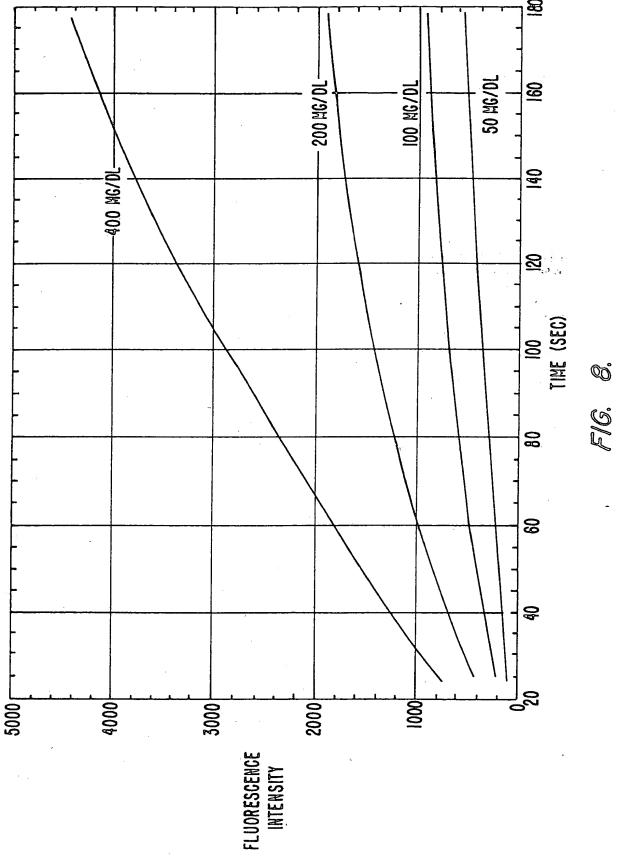
FIG. 6.

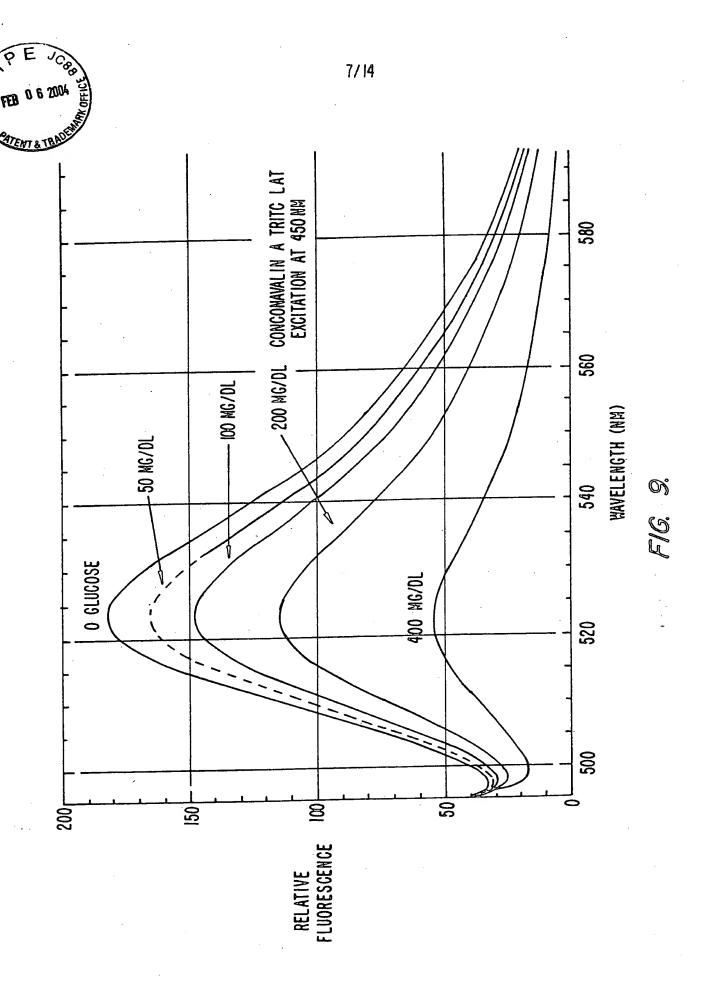


$$H_{2}O_{2}$$
 + 2 $H_{2}O_{2}$ $H_{2}O_{3}$ $H_{2}O_{2}$ $H_{2}O_{3}$ $H_{2}O_{2}$ $H_{2}O_{3}$ $H_{2}O_{3}$ $H_{2}O_{4}$ $H_{2}O_{5}$ $H_{2}O_{5}$

FIG. 7.





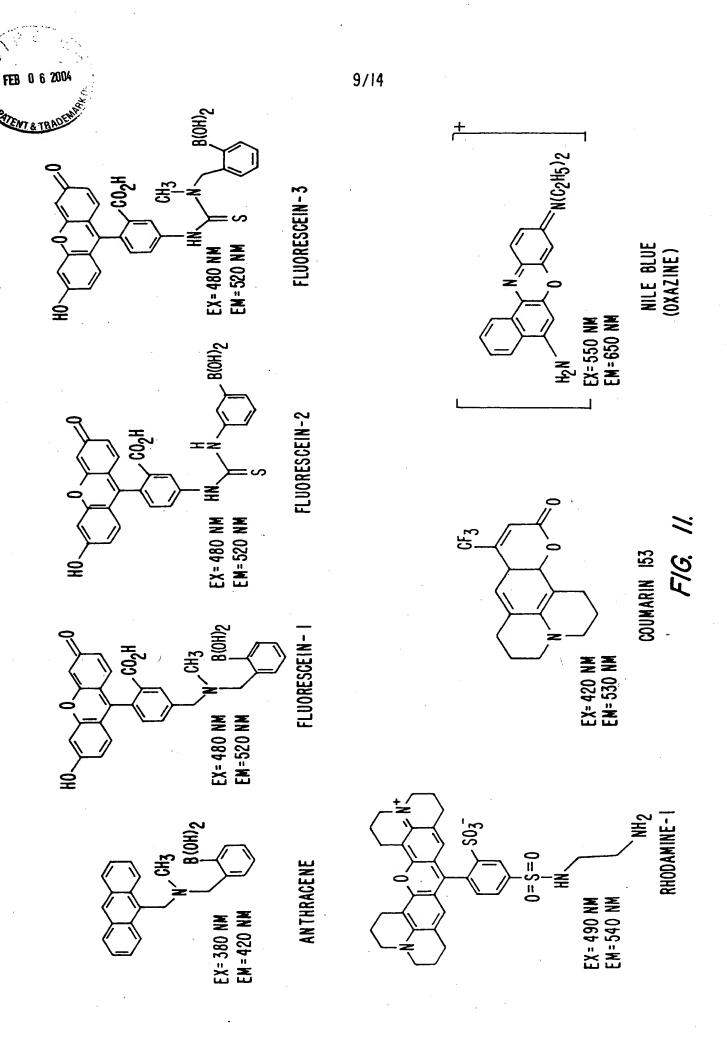




$$\begin{array}{c|c} & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\$$

2 H₂0 +

FIG. 10.







- I) CH3NH2, METHANOL
- 2) Na BH4, ISOPROPANOL

- 1) K₂CO₃, CH₃CN
- 2) $CH_3CN/H_2O(4:1, v/v)$

FIG. 13.

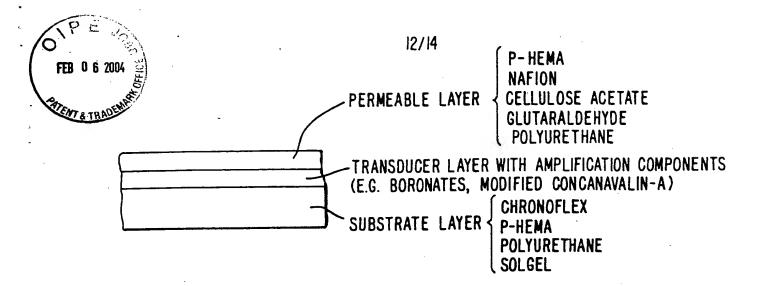


FIG. 14A.

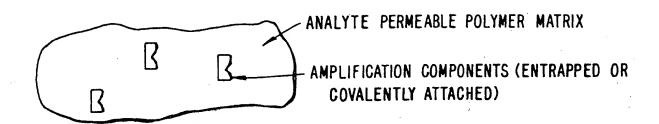


FIG. 14B.

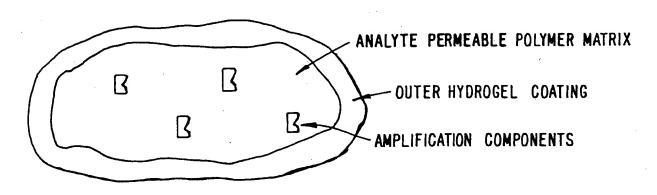
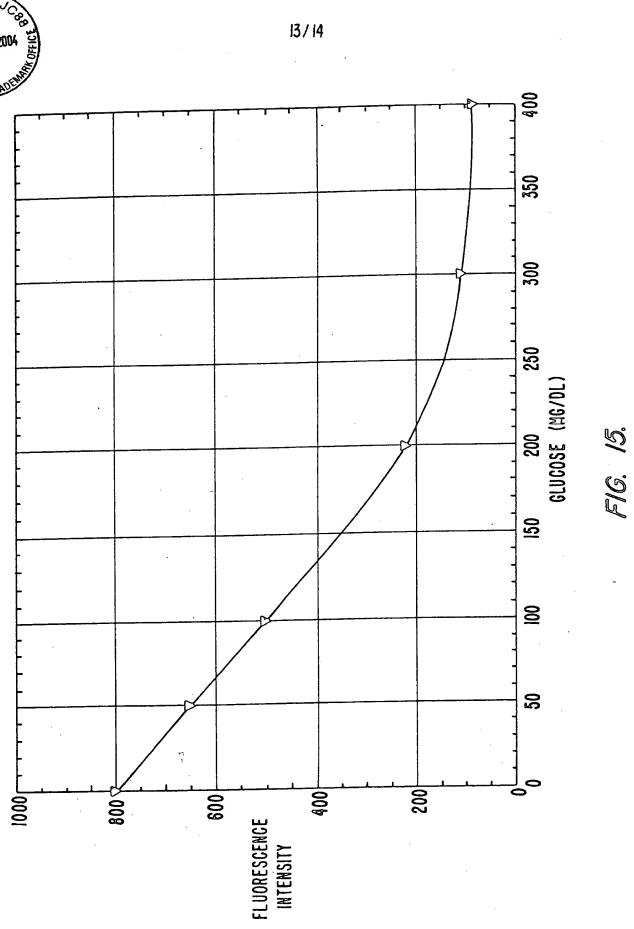


FIG. 14C.





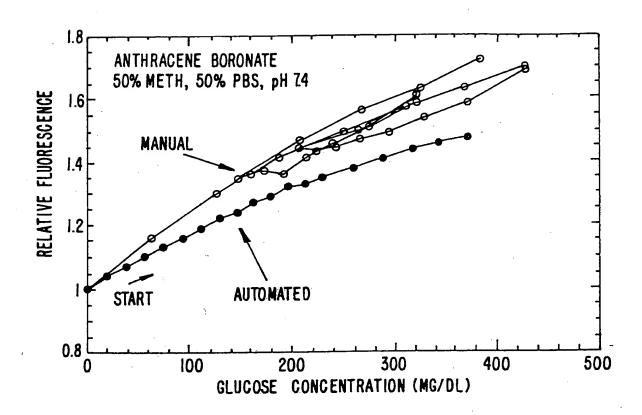


FIG. 16.